

Product datasheet for MC203121

C8g (NM_027062) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C8g (NM_027062) Mouse Untagged Clone
Tag: Tag Free
Symbol: C8g
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC019967

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CAGTTATTGCATGCATAGGGTTGAGCACTGACCACAAGTGAAATAGGGGTGCAGAGGTCAACTCTTAAC
TTTGCCTTGGGACACAATGCCAGCTCCTATCAAGGCTAGGTTCTAGGATGGACCCTGGCTTGGGTTAG
GGGTTTCAGTAATCGGAAGACAGATGTGGACTTCCTGGACTGTGCTTCCTGTGGCACTGGACAGTGGACTC
TGACCTAGGACAGTGCACCCCTCCACCTCGCTGTCTGTACCTACTGTCCGTAGCAGGTTGGCCATGCT
GTCTCCAGGGGCTGTGTTGTTCTTACCCTGCTCTTGACAGCCAGTTTCGCTGGGCCAAAGGACTCGAAAAG
CCTATTGGGTCTACCTCCCCATCAGCACTATCCAGGCCAGGTCAATTTAGTGCTCAGAAGTTTGCGAG
GGACATGGCTCCTGGTGGCTGTGGGCTCTTCGTGCCGCTTTCTTCAGGAGCAGGGACACCGAGCTGAGGC
CACCACATTGCACGCAGCTCCCCAGGGTGCAGCTATGGCTGTGAGCACCTCCGAAAGCTAGATGGGATA
TGTTGGCAGGTACGCCAAGTCTTTGAGAACACAGGGTCCCTGGCCGCTTCTTGTCCAAGTCTCACGGG
CCCGTGGACCAAGTGCATATGGTGGTTGCTGAGACTGACTATCAGAGCTTTGCCATCCTGTACCTGGAACA
GGGAAGGAAGCTGTCTGTGAAACTATACGTCCGCTCACTGCCAGTGAATGACTCTGTCTGGATGTGTTT
GAGCGGCGAGTACAGGAAGCCAACCTGACAGAAGATCAGATTCTTTCTTTCCCAAGTATGTTTTCTGCG
AGACTGCGGACCAATTACACATCCTGAACGAGGTGCCGCGATAAGGCCATCTAGTGGAGAAGCTGTGGAC
AGTGGGCTACCCTCAGAGAGTTCTGAGCATCCTGAATGCACTCTTGAGTCTCTCCTTTCTGTCCCCAGA
AGCACCCCTTCATACAGCTCTGTTGCTCCTAGGCTTTTCATTAACATCAGACTTGGCAAAAAAAAAAAAAA AAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI

ACCN: NM_027062

Insert Size: 609 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC019967</u> , <u>AAH19967</u>
RefSeq Size:	1063 bp
RefSeq ORF:	609 bp
Locus ID:	69379
UniProt ID:	<u>Q8VCG4</u>
Cytogenetics:	2 17.31 cM
Gene Summary:	<p>This gene encodes a secreted protein that is a core component of the complement 8 (C8) complex. C8 is part of the membrane attack complex which participates in the innate immune response against bacterial pathogens. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2012]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>